

FIG. 1
(PRIOR ART)

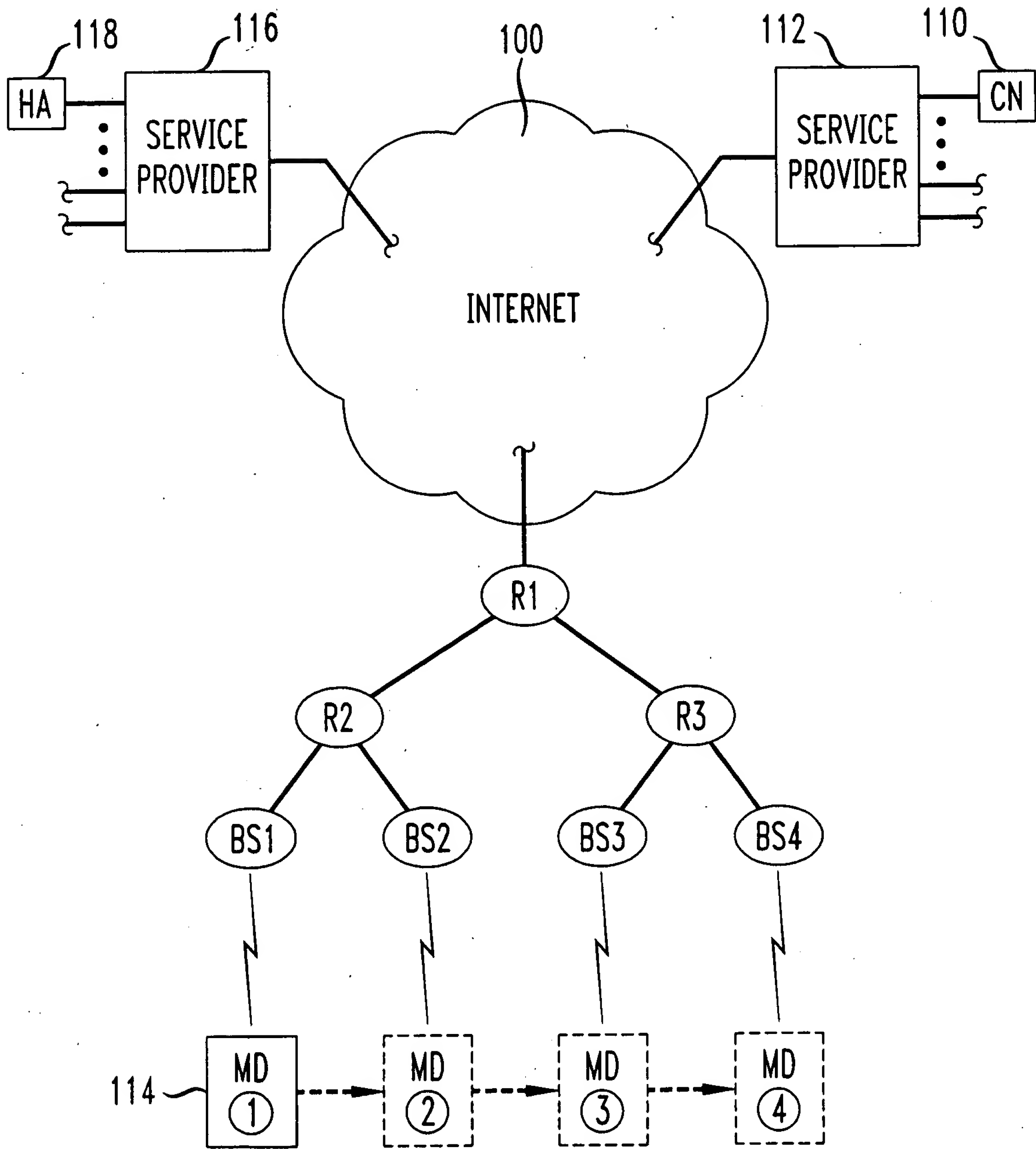
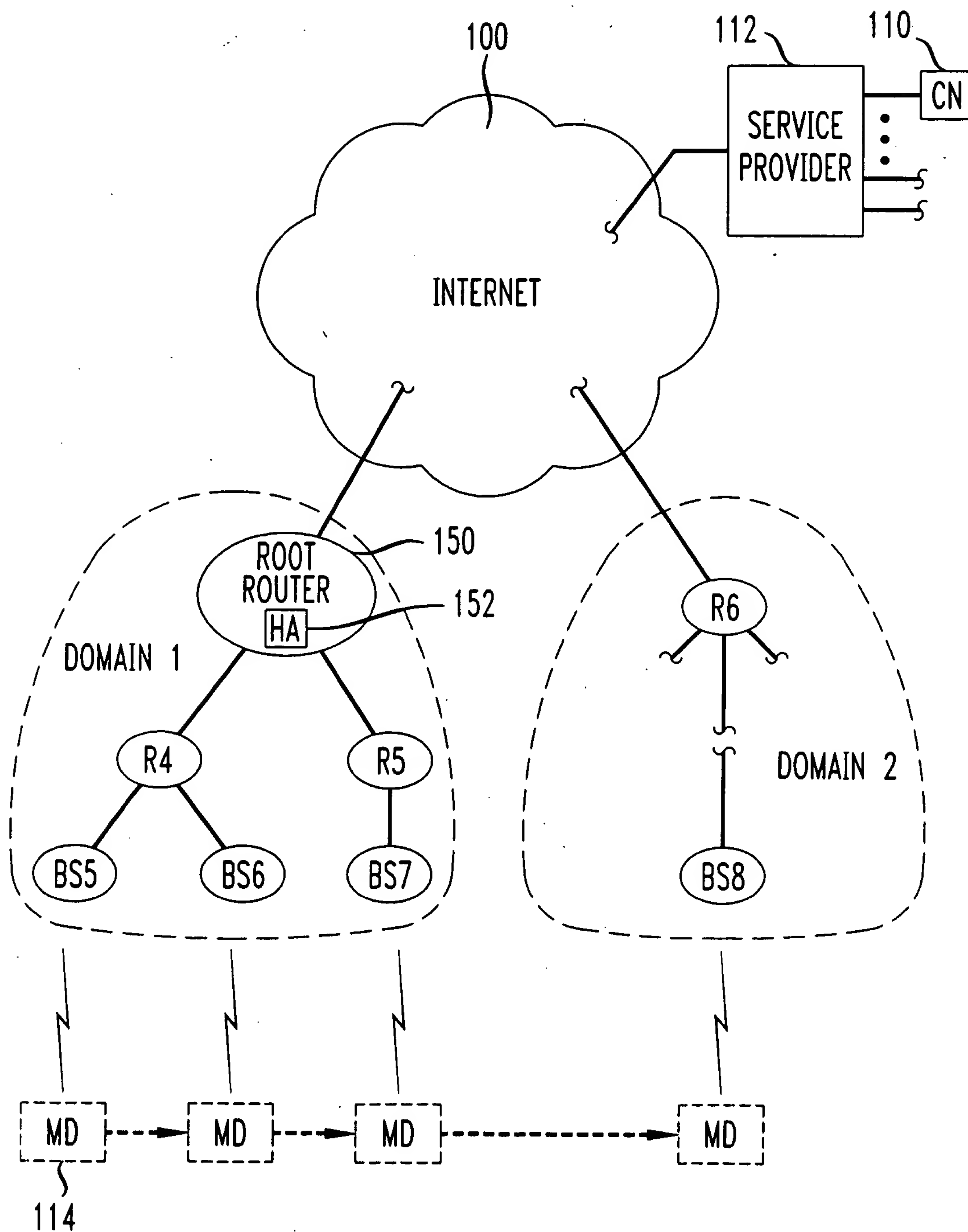
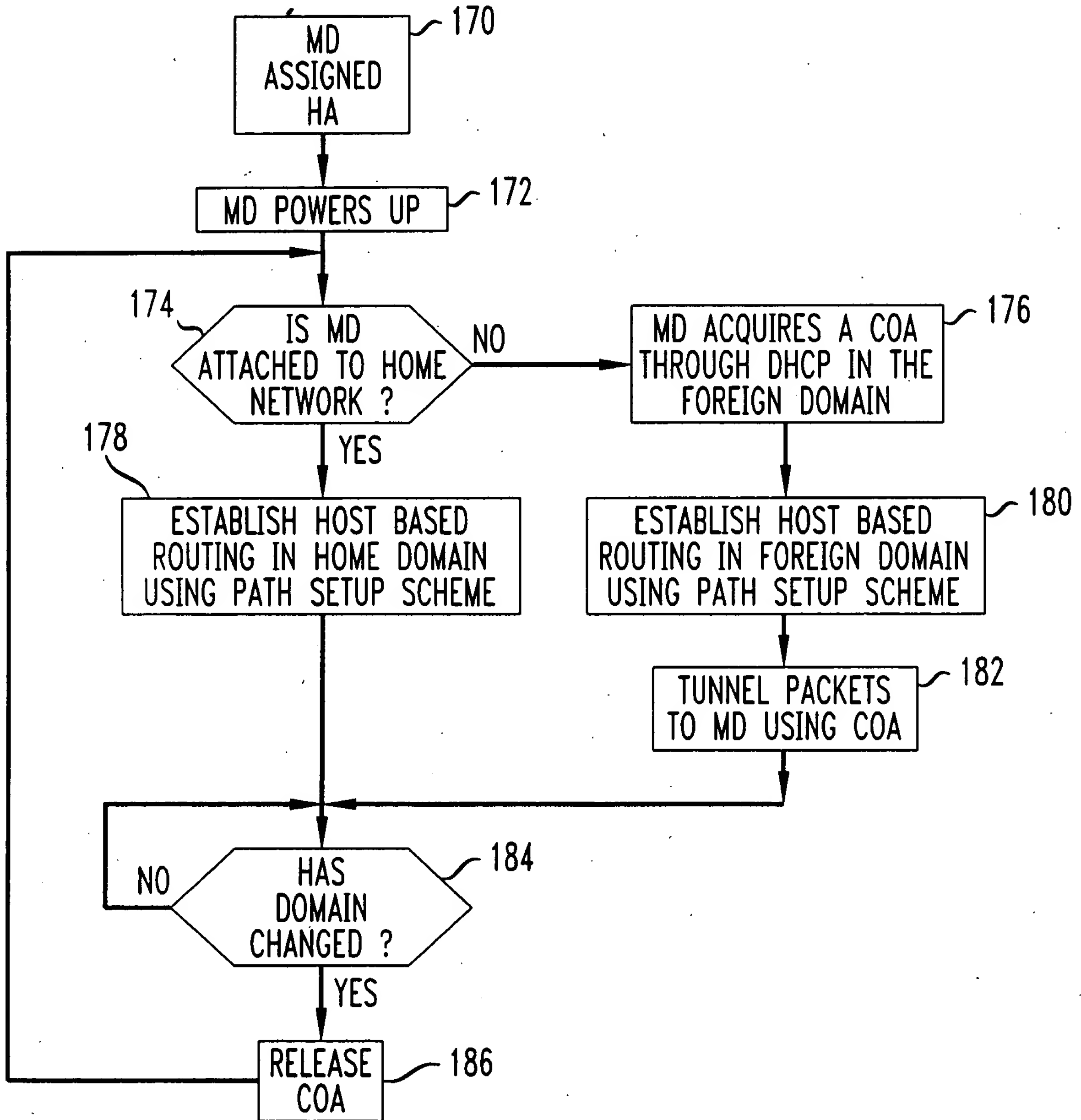


FIG. 2



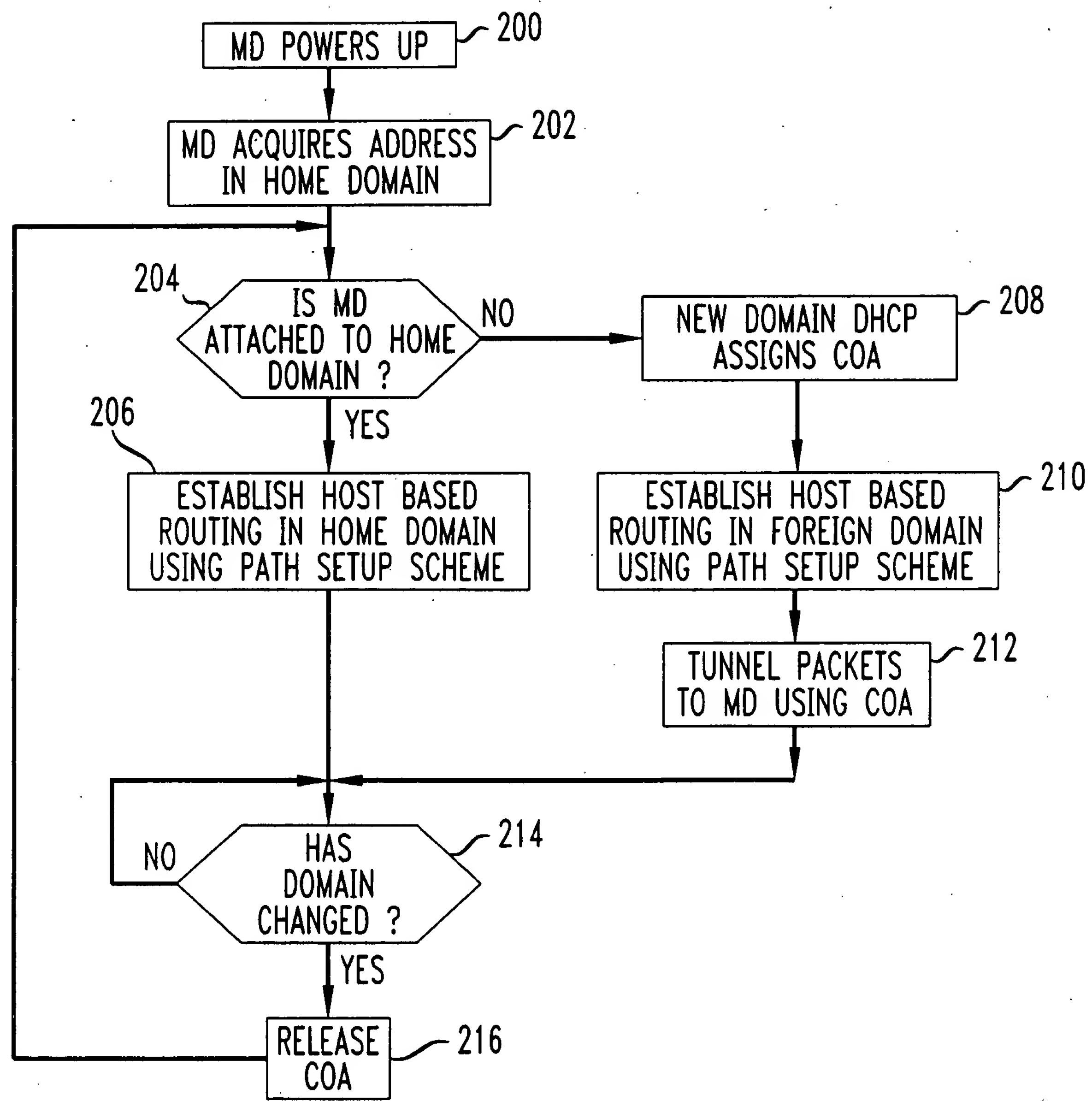
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FIG. 3



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FIG. 4



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FIG. 5

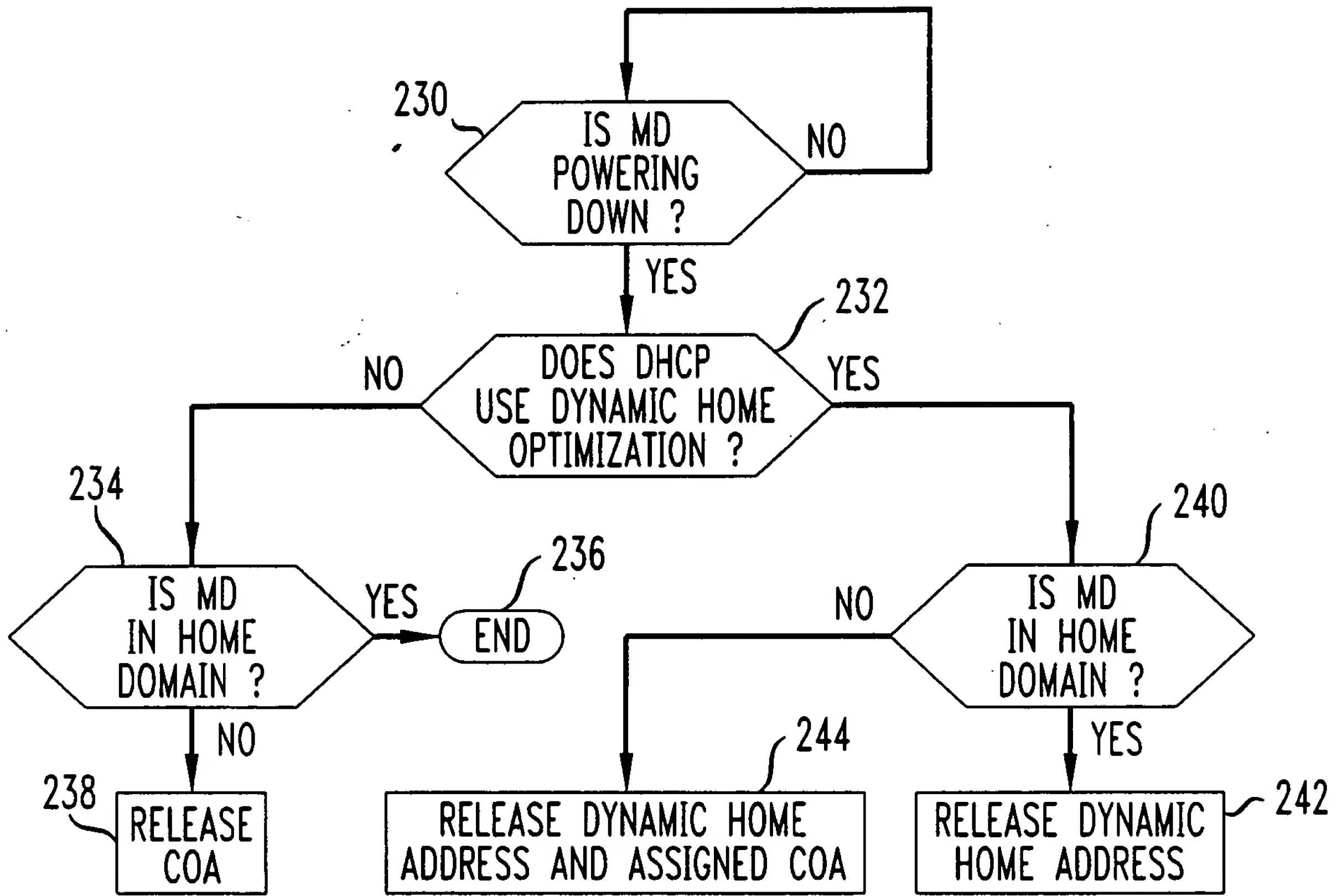


FIG. 6

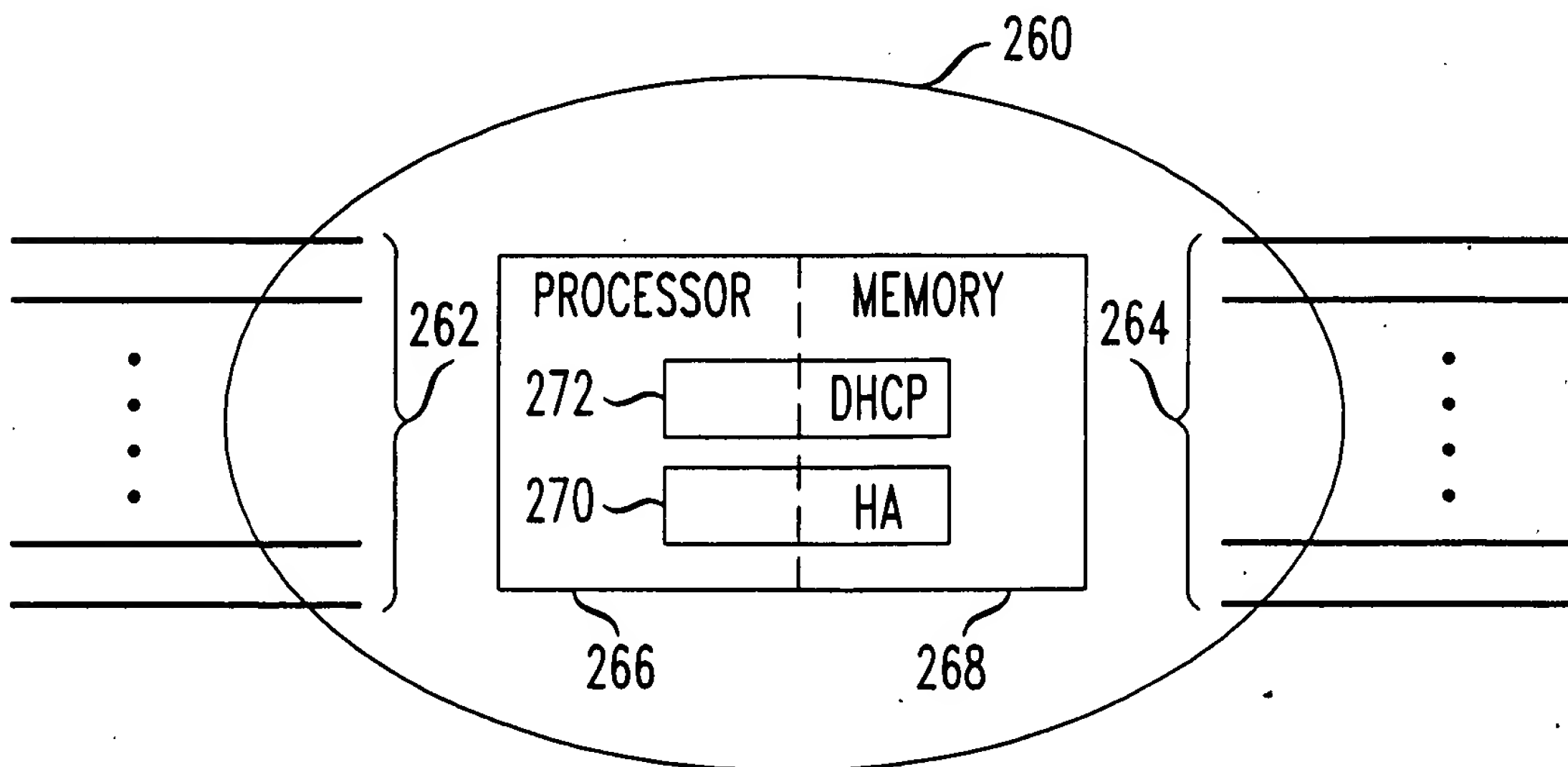


FIG. 7

300

	PARAMETER	REFRESH PATH SETUP MESSAGE
310	MESSAGE TYPE	REFRESH
312	SEQUENCE NUMBER	MIN(1,SEQUENCE NUMBER OF THE ENTRY IN BASE-STATION)
314	MOBILE IP ADDRESS	IP ADDRESS OF MOBILE DEVICE ATTACHED TO BASE-STATION
316	SOURCE IP ADDRESS	IP ADDRESS OF BASE-STATION SENDING THE REFRESH MESSAGE
318	DESTINATION IP ADDRESS	IP ADDRESS OF DOMAIN ROOT ROUTER
320	METRIC	SET AS ONE BY BASE-STATION, INCREMENTED BY OTHERS

FIG. 8

300

	PARAMETER	POWER UP UPDATE PATH SETUP MESSAGE
310	MESSAGE TYPE	UPDATE
312	SEQUENCE NUMBER	ZERO
314	MOBILE IP ADDRESS	IP ADDRESS OF MOBILE DEVICE
316	SOURCE IP ADDRESS	IP ADDRESS OF CURRENT BASE-STATION
318	DESTINATION IP ADDRESS	IP ADDRESS OF DOMAIN ROOT ROUTER
320	METRIC	SET TO ZERO BY MOBILE DEVICE, INCREMENTED BY OTHERS

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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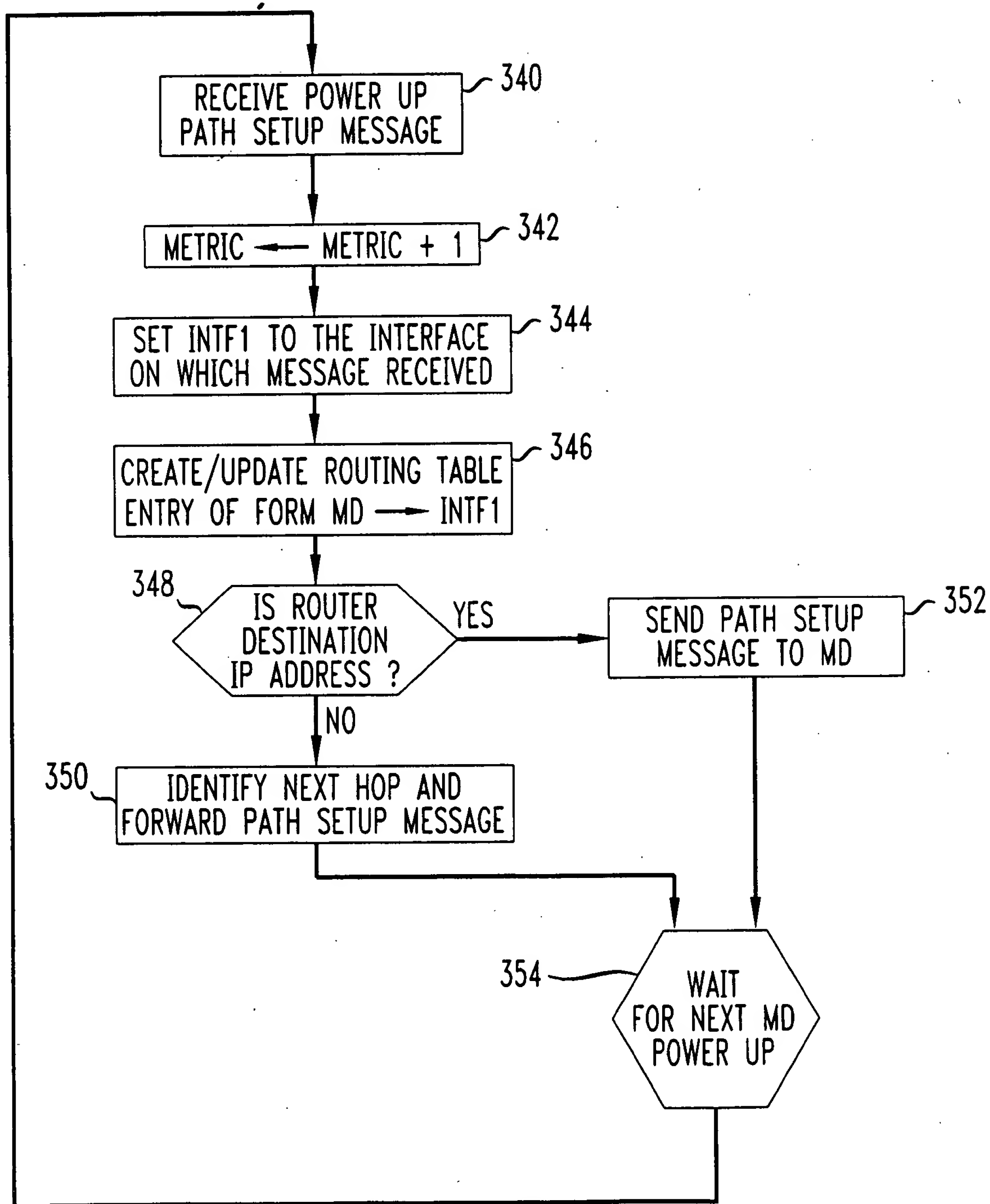
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FIG. 9

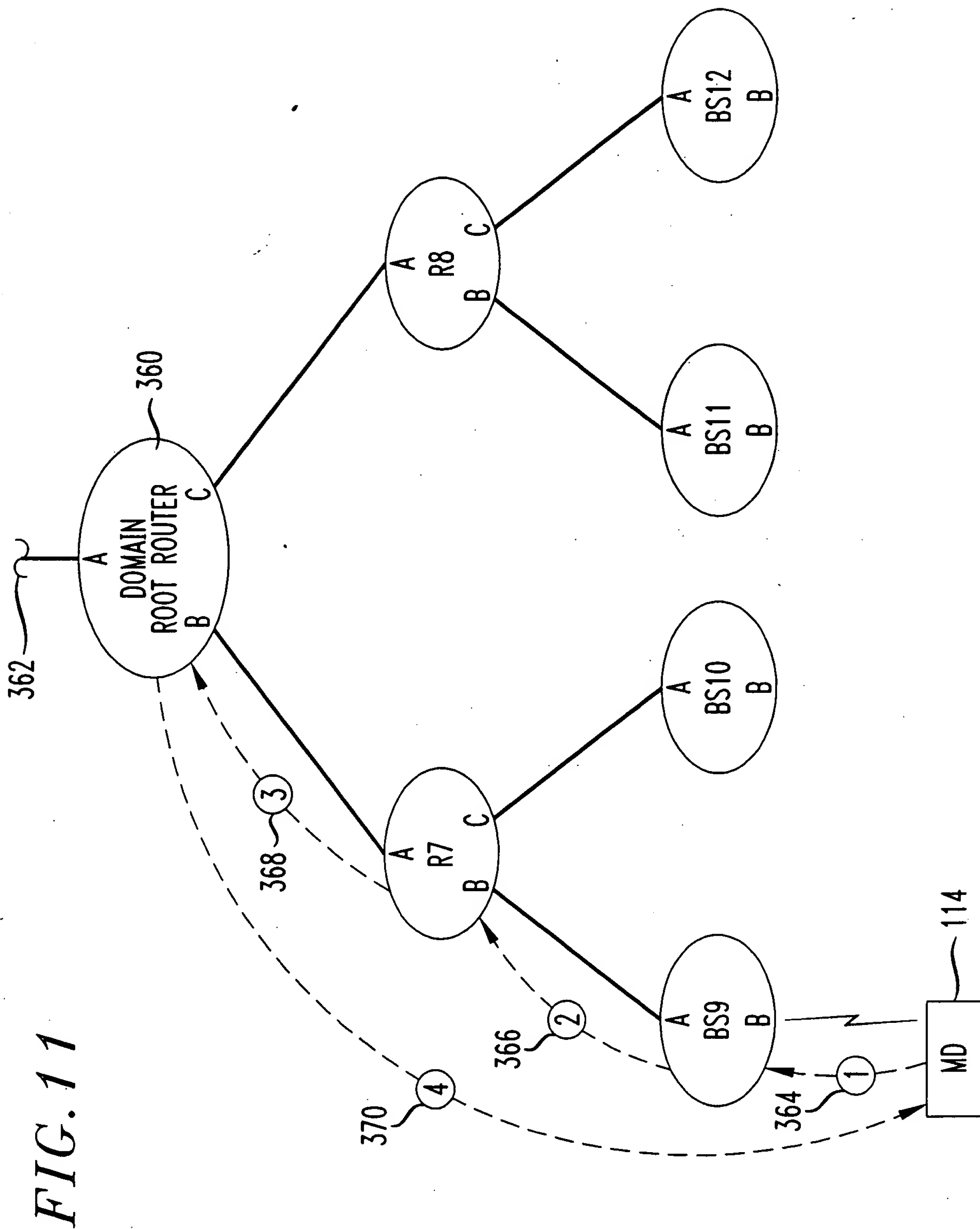
	PARAMETER	HANDOFF UPDATE PATH SETUP MESSAGE
310	MESSAGE TYPE	UPDATE
312	SEQUENCE NUMBER	MIN((SEQUENCE NUMBER OF PREVIOUS UPDATE + 1)%MAX SEQ NUM,2)
314	MOBILE IP ADDRESS	IP ADDRESS OF MOBILE DEVICE
316	SOURCE IP ADDRESS	IP ADDRESS OF NEW BASE-STATION
318	DESTINATION IP ADDRESS	IP ADDRESS OF OLD BASE-STATION
320	METRIC	SET TO ZERO BY MOBILE DEVICE, INCREMENTED BY OTHERS

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FIG. 10

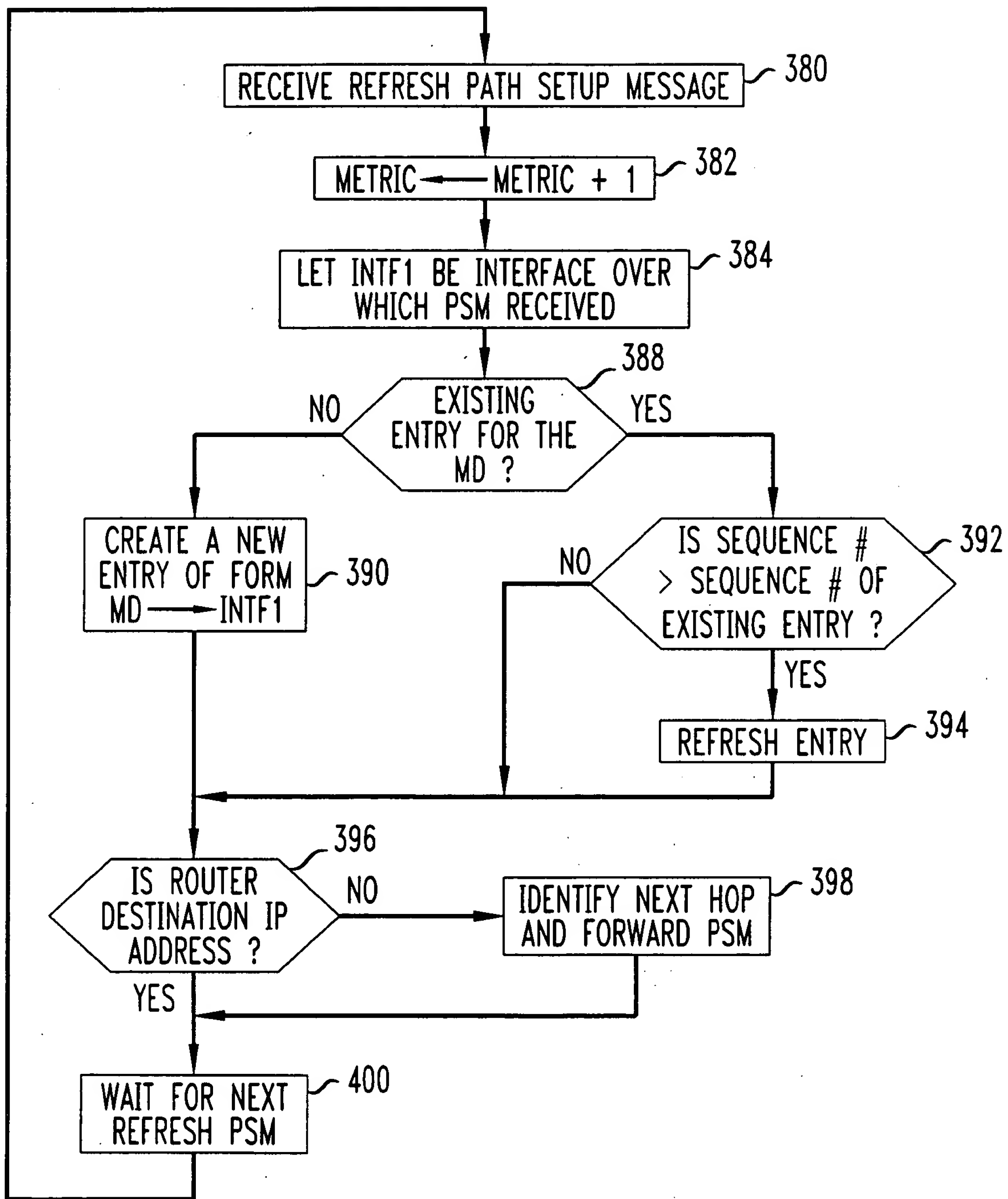


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FIG. 12



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FIG. 13

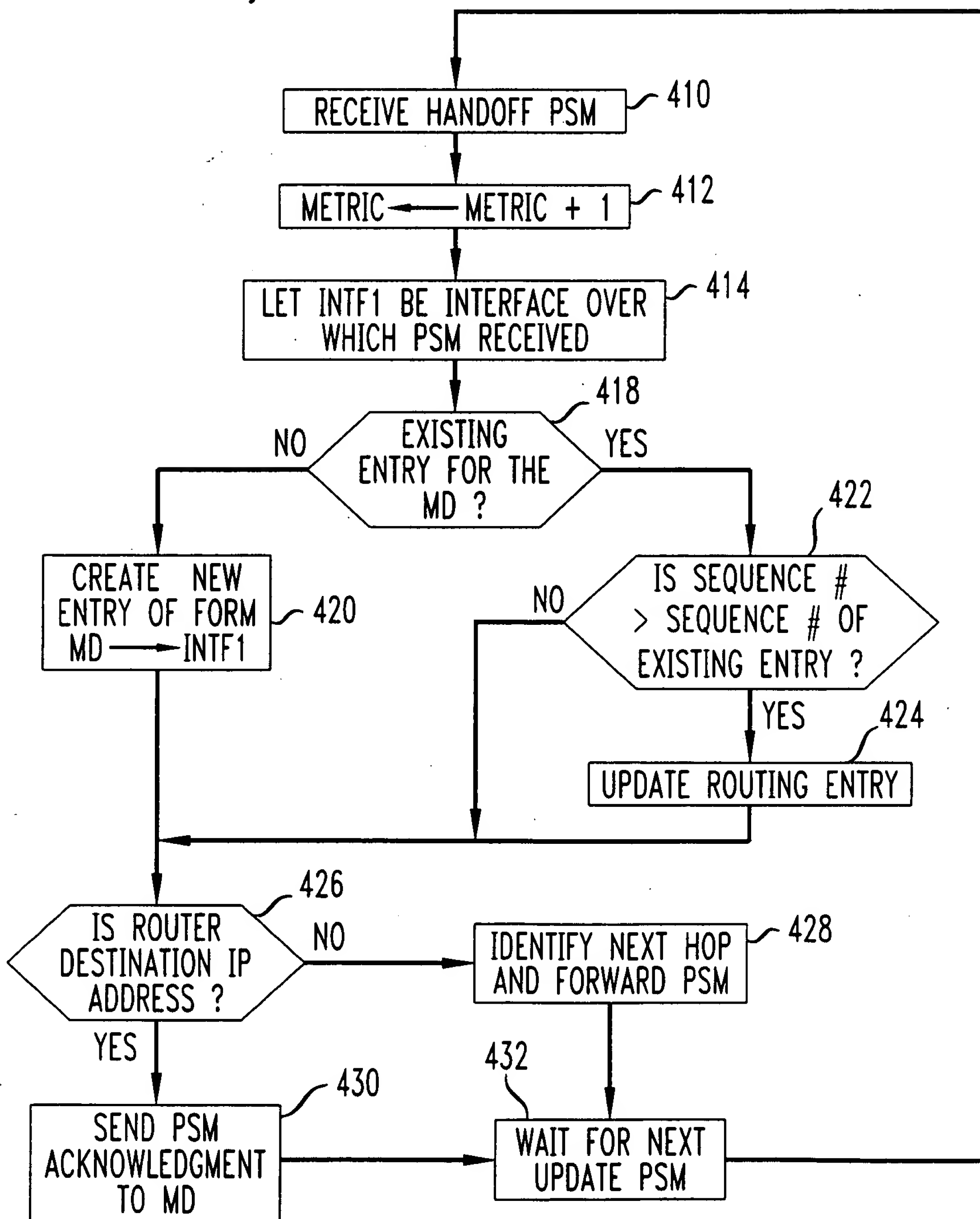
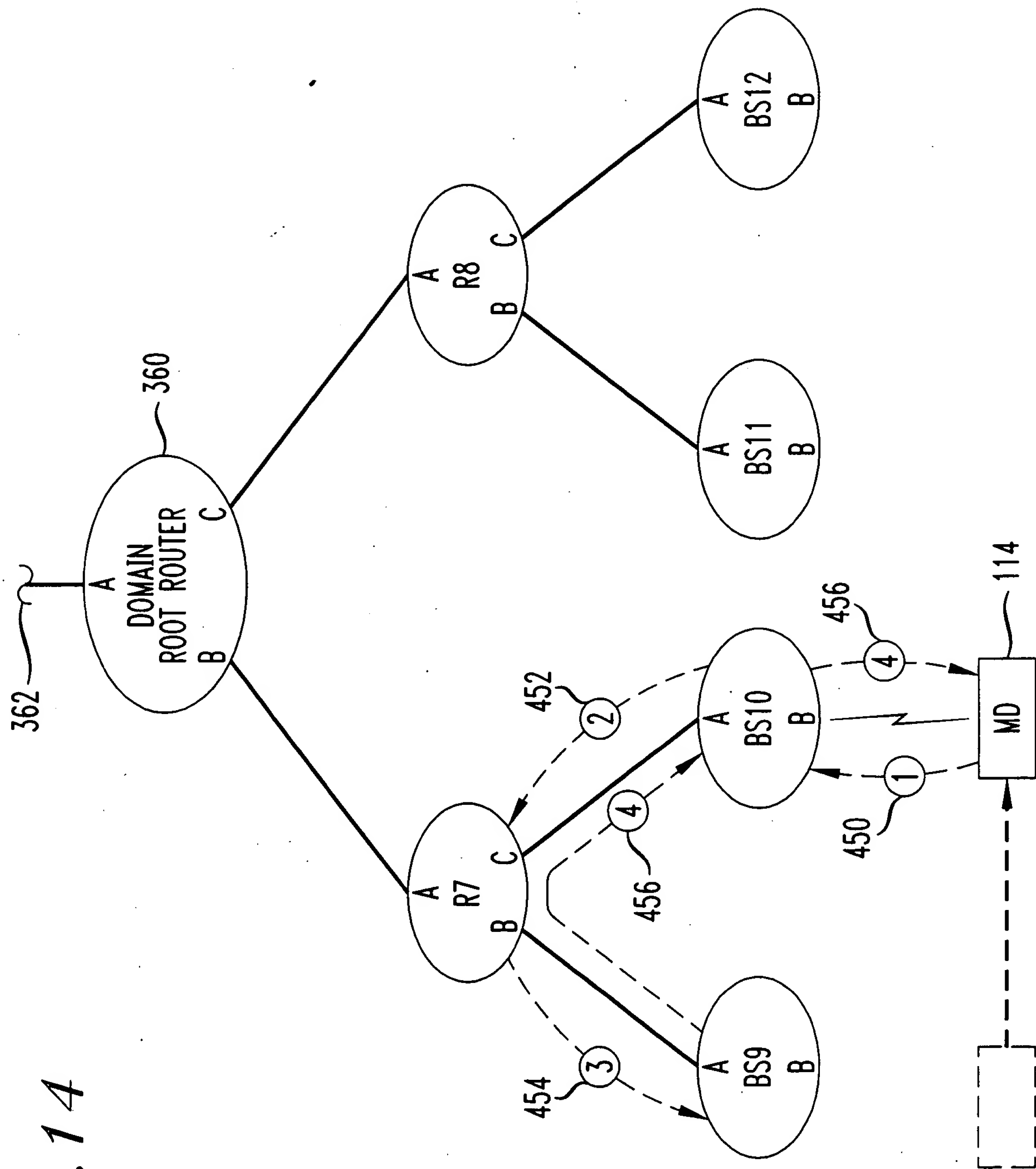


FIG. 14



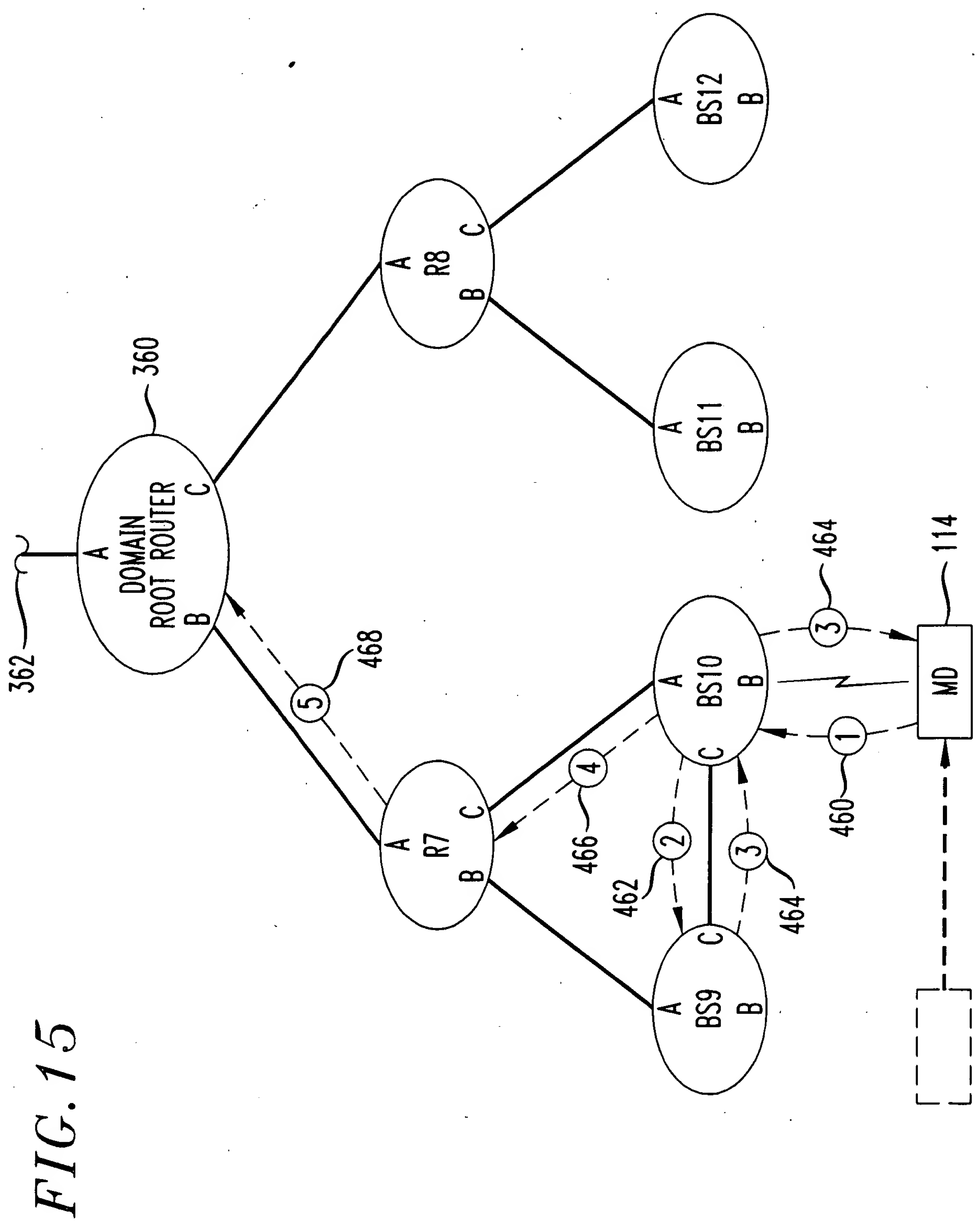
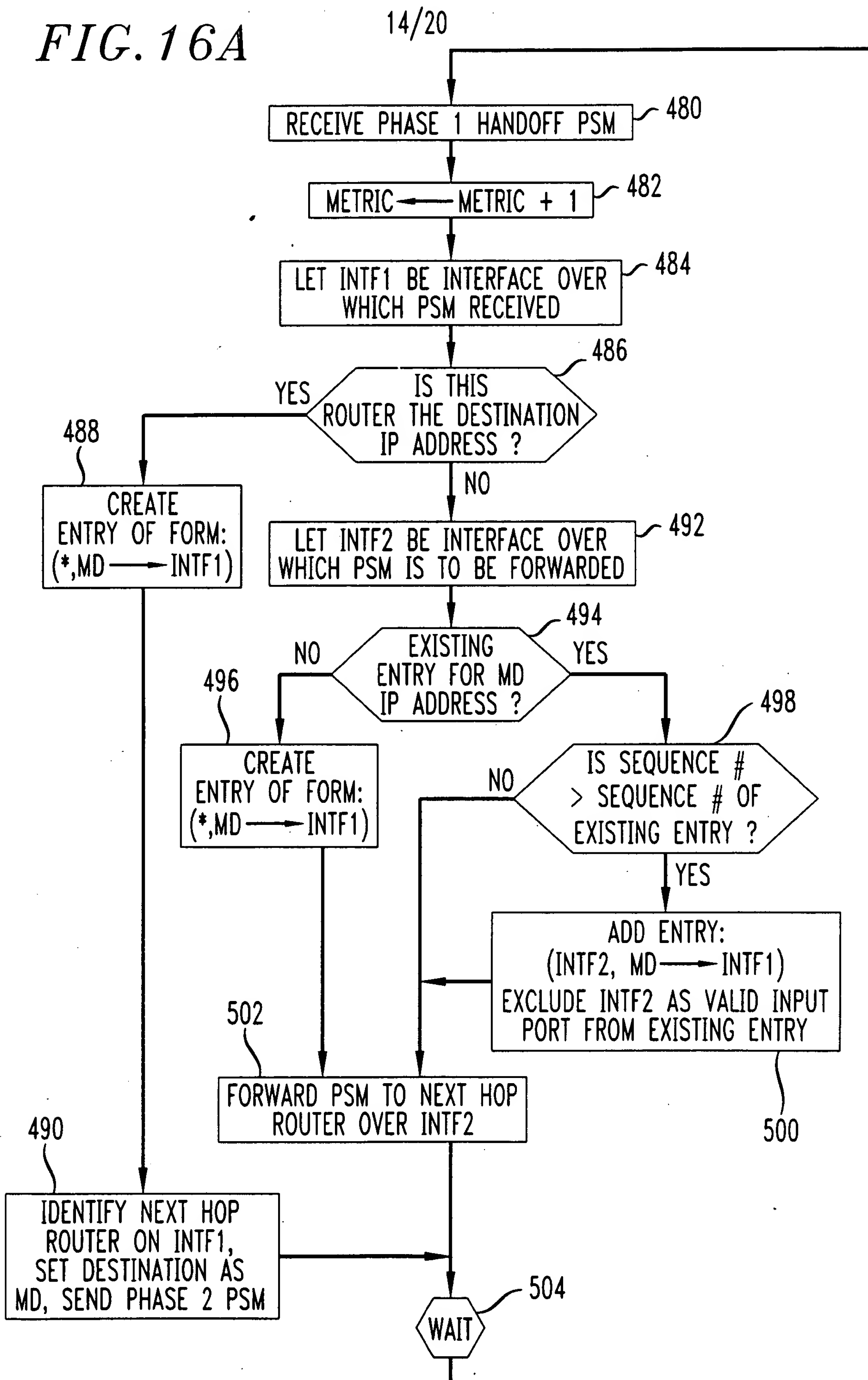


FIG. 16A



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FIG. 16B

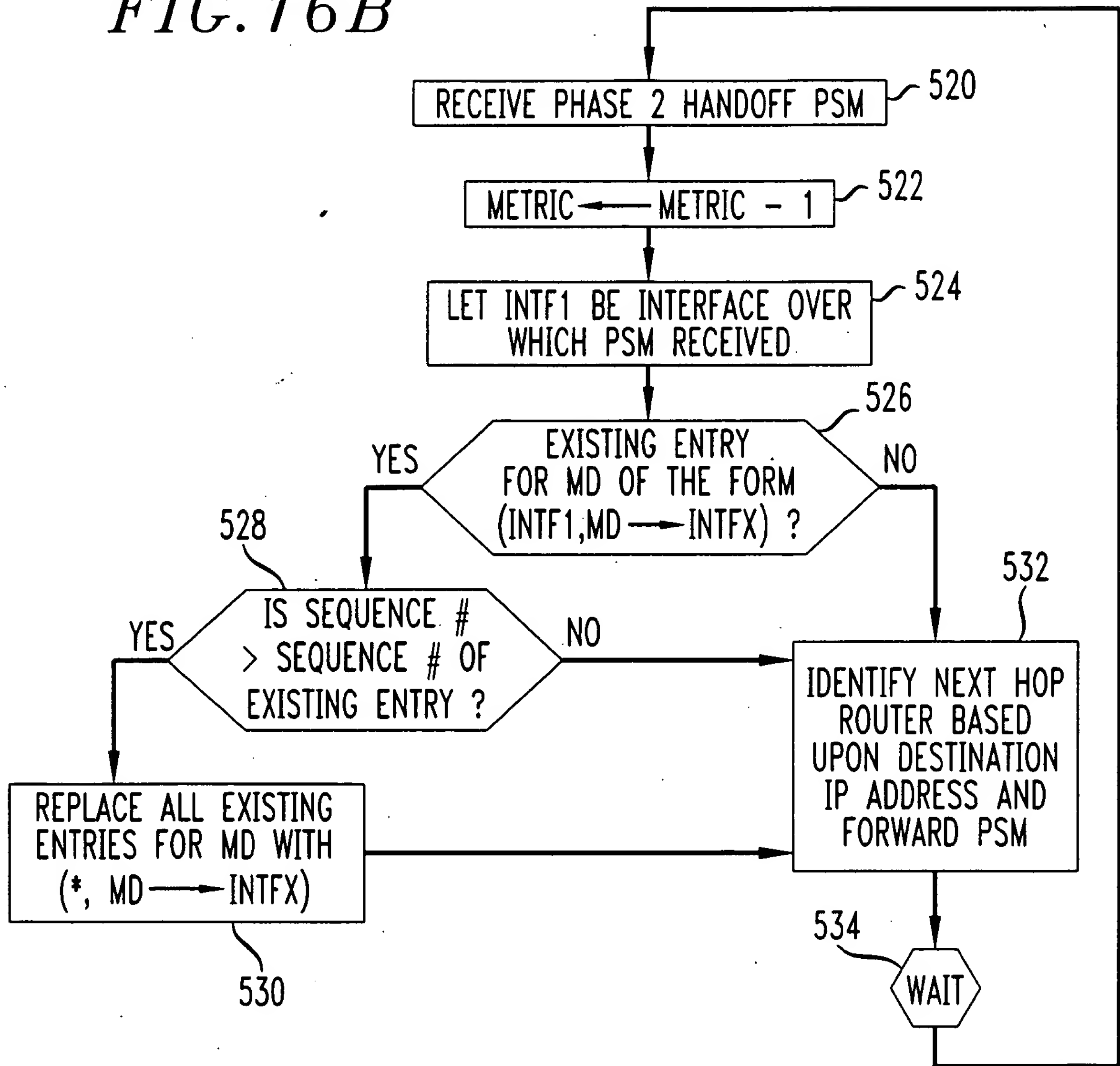


FIG. 18

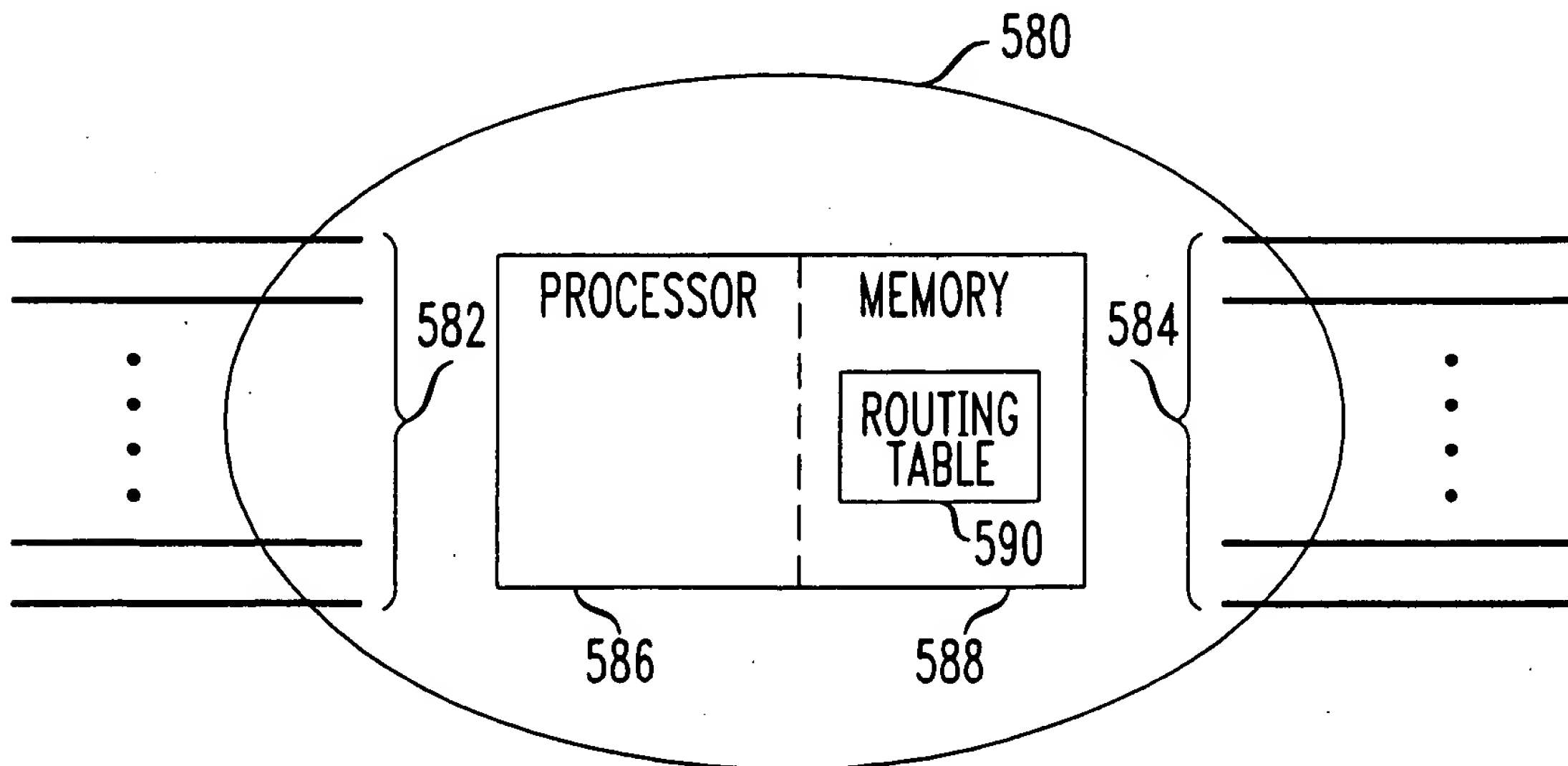
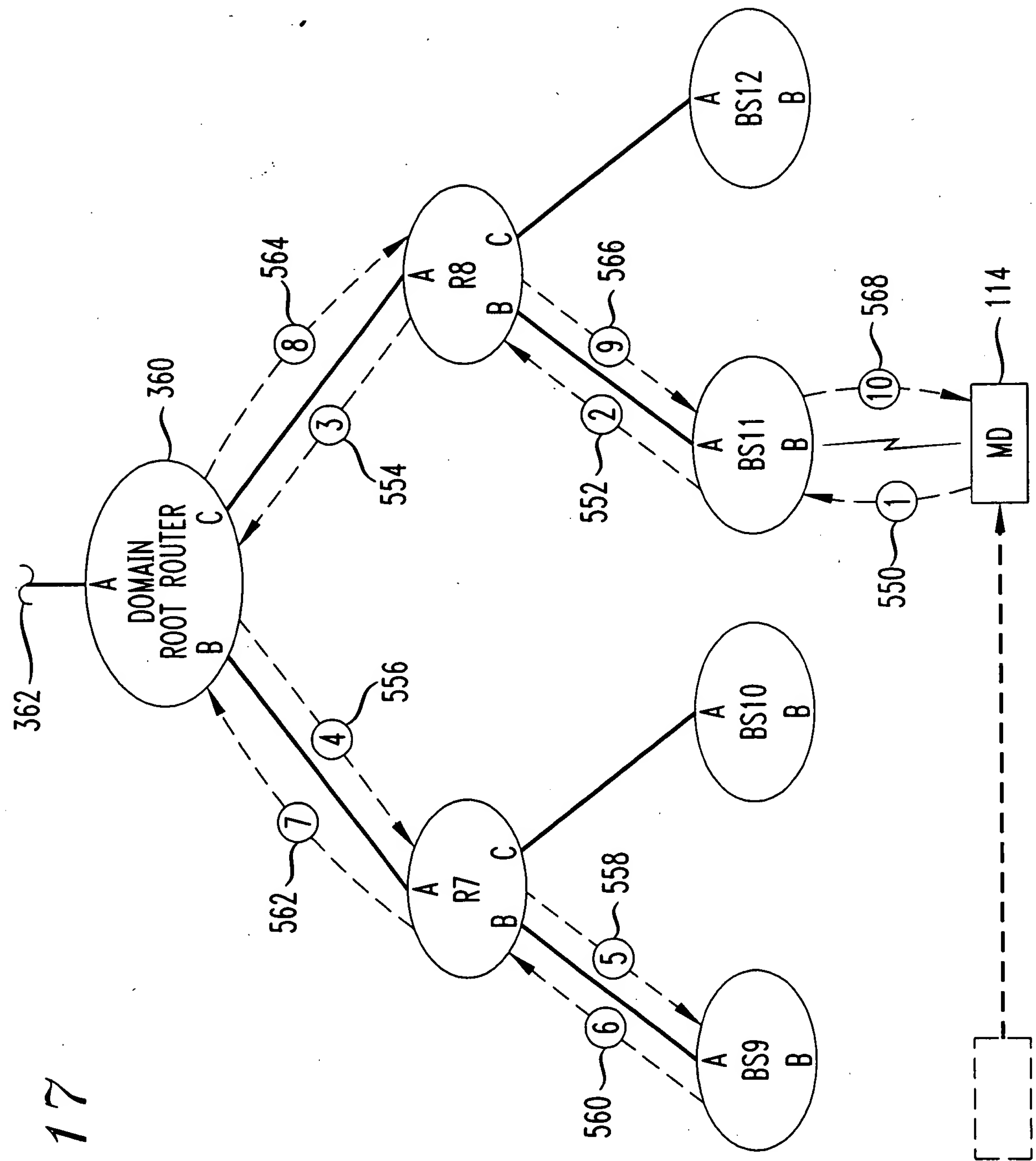


FIG. 17



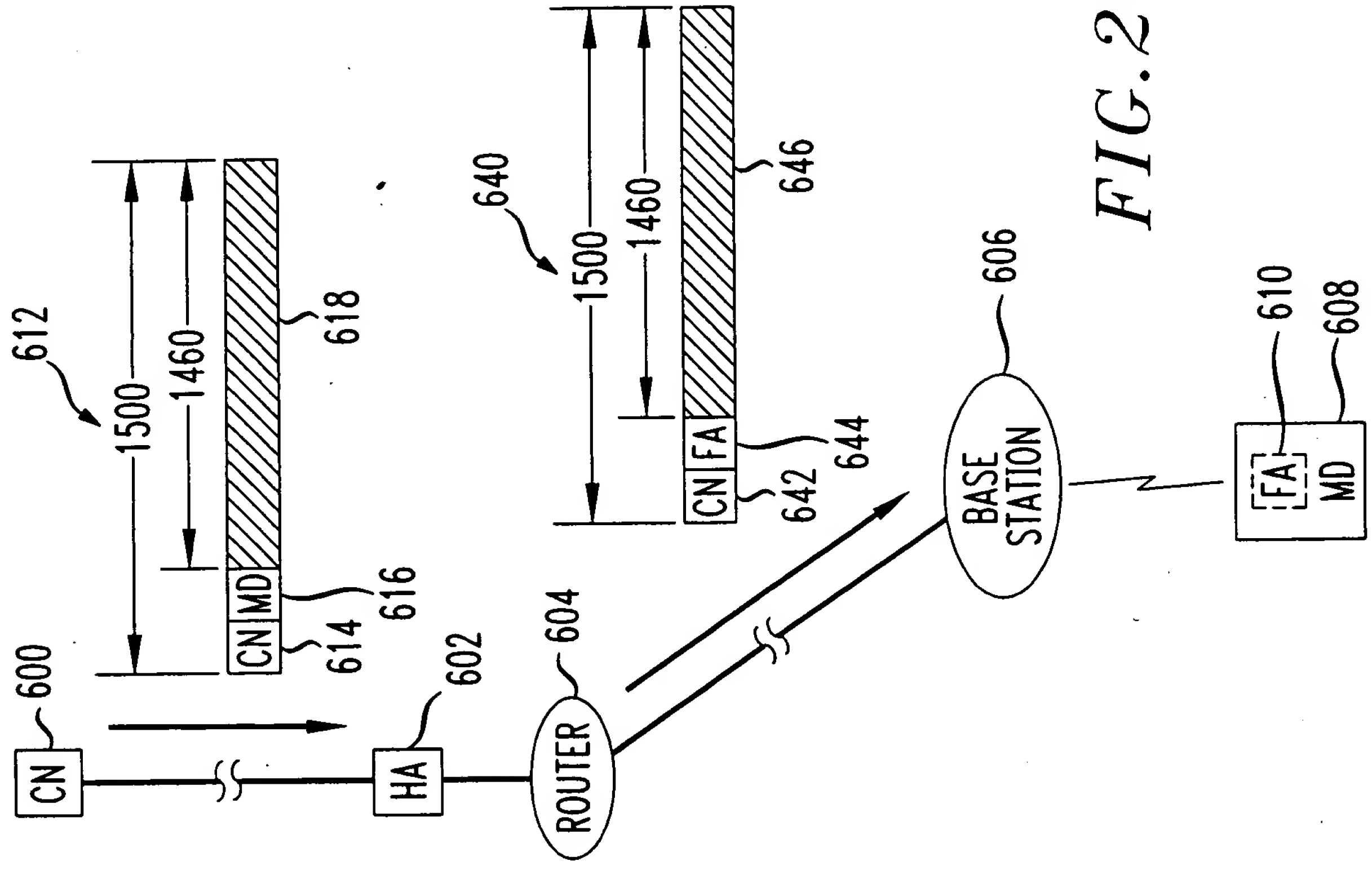


FIG. 20

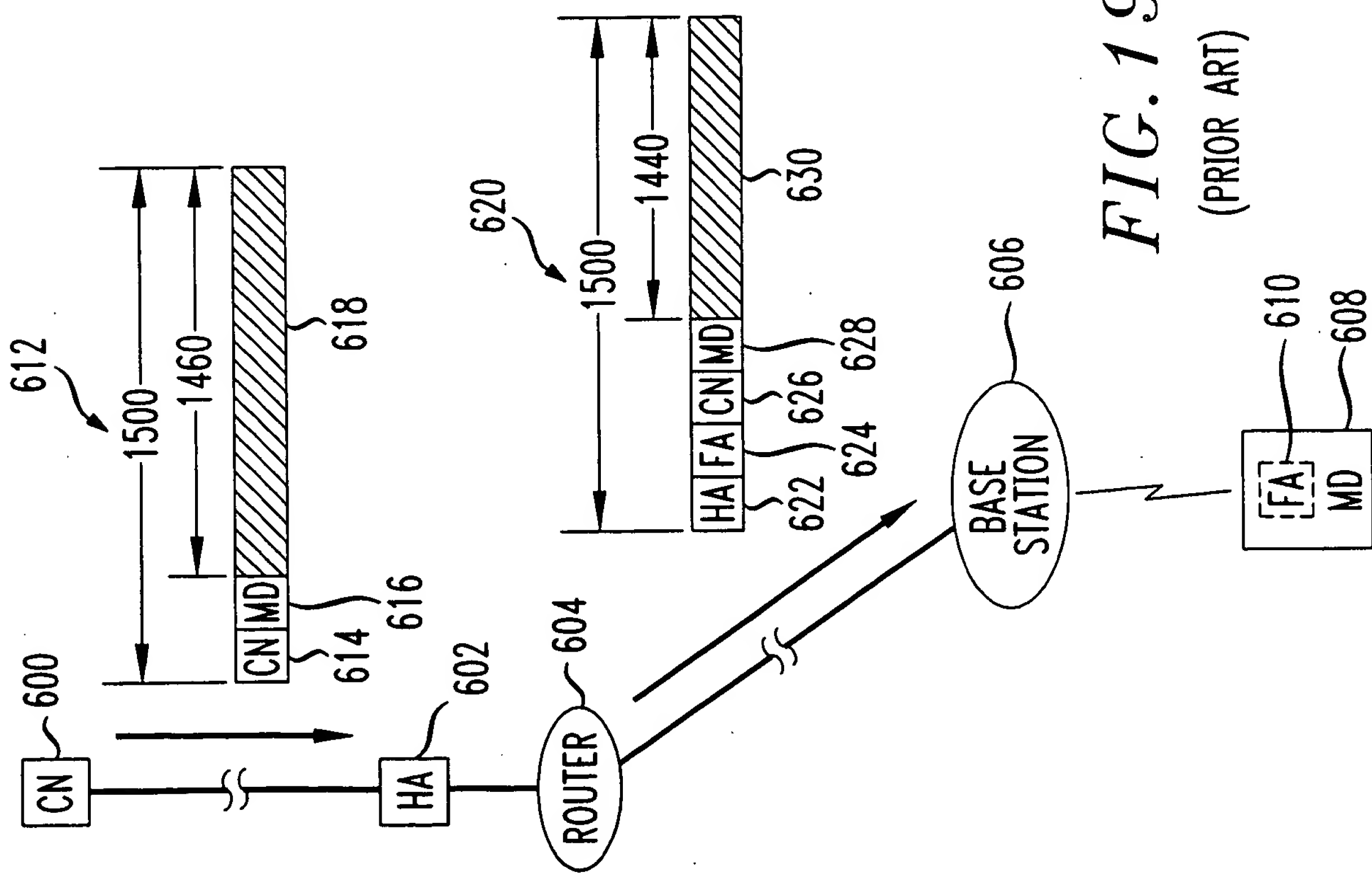


FIG. 19

(PRIOR ART)

FIG. 21

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(PRIOR ART)

- 1) CH.40102 > MH.complex-link: S 1626551371:1626551371(0)
win 8760 <mss 1460> (DF) (Hl 255,id 47691)
- 2) HA > FA: CH.40102 > MH.complex-link: S 1626551371:1626551371(0)
win 8760 <mss 1460> (DF) (Hl 254,id 47691) (DF) (Hl 254,id 51069)
- 3) MH.complex-link > CH.40102: S 3552498482:3552498482(0)ack 1626551372
win 17520 <mss 1460> (DF) (TTL 63, id 6624)
- 4) CH.40102 > MH.complex-link: . ack 3552498483 win 8760(DF) (Hl 255, id 47692)
- 5) HA > FA: CH.40102 > MH.complex-link: . ack 3552498483 win 8760 (DF)
(Hl 254, id 47692) (DF) (Hl 254, id 51070)
- 6) CH.40102 > MH.complex-link: P 1:1461(1460) ack 1 win 8760 (DF) (Hl 255, id 47693)
- 7) HA > CH:icmp: MH unreachable - need to frag (mtu 1480) (DF) (Hl 255, id 51072)
- 8) CH.40102 > MH.complex-link: . 1:1441(1440) ack1 win 10080 (DF) (Hl 255, id 47694)
- 9) HA > FA: CH.40102 > MH.complex-link: . 1:1441(1440) ack 1 win 10080 (DF)
(Hl 254, id 47694) (DF) (Hl 254, id 51078)
- 10) MH.complex-link > CH.40102: . ack 1441 win 17520 (DF) (Hl 63, id 6627)

FIG. 22

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- 1) CH.50704 > MH.rfe: S 2197768393:2197768393(0) win 8760 <mss 1460> (DF)
- 2) CH.50704 > FA.rfe: S 2197768393:2197768393(0) win 8760 <mss 1460> (DF)
- 3) MH.rfe > CH.50704: S 4212372961:4212372961(0) ack 2197768394 win 17520 <mss 1460> (DF)
- 4) CH.50704 > MH.rfe: . ack 1 win 8760 (DF)
- 5) CH.50704 > FA.rfe: . ack 4212372962 win 8760 (DF)
- 6) CH.50704 > MH.rfe: P 1:1461(1460) ack 1 win 8760 (DF)
- 7) CH.50704 > FA.rfe: P 0:1460(1460) ack 1 win 8760 (DF)
- 8) MH.rfe > CH.50704: . ack 1461 win 17520 (DF)

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FIG. 23

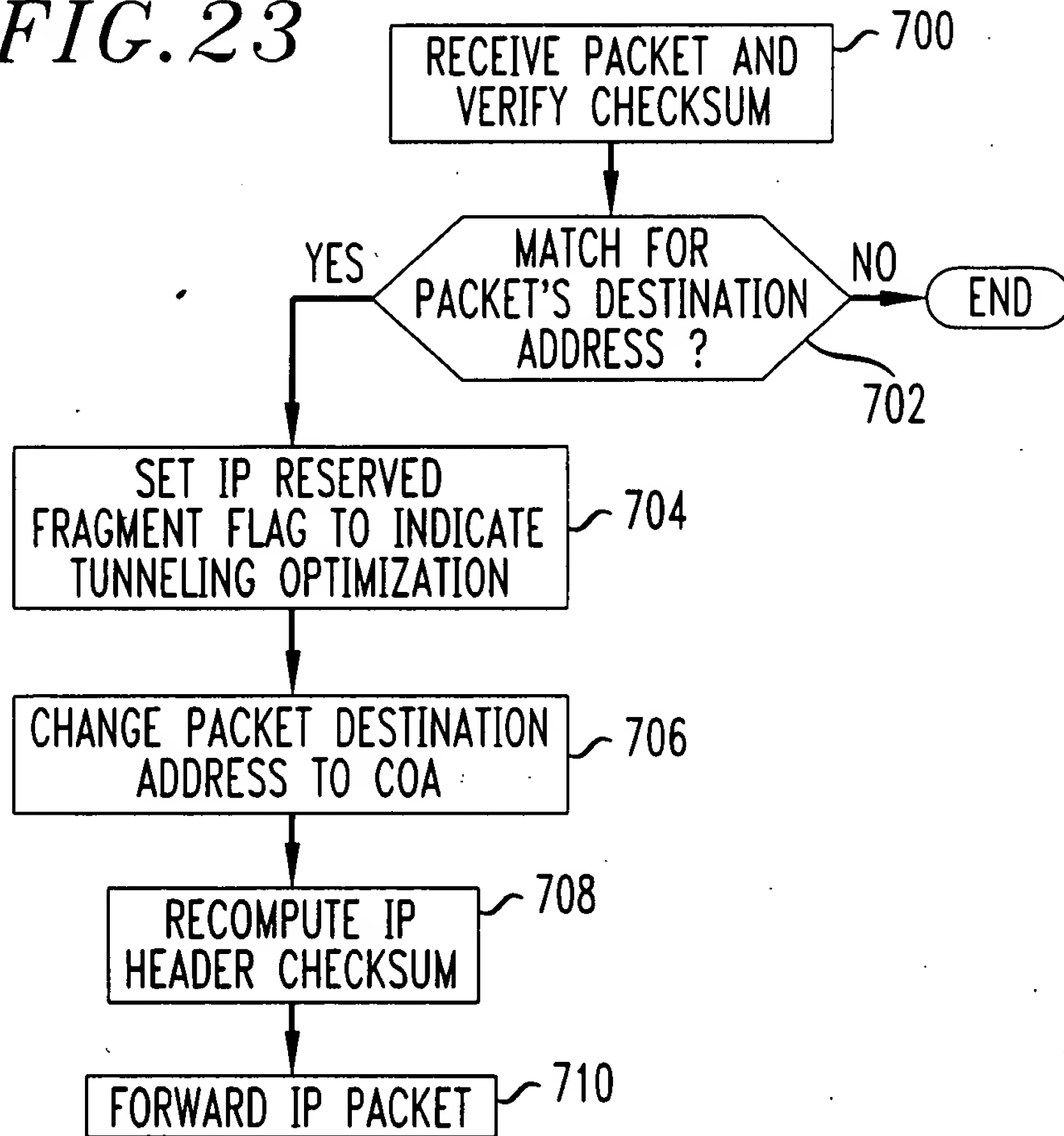


FIG. 24

